



PTO/SB/21 (02-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/670,857
Filing Date	09/25/2003
First Named Inventor	Sameer S. Marathe
Art Unit	3683
Examiner Name	Christopher P. Schwartz
Attorney Docket Number	03-106

ENCLOSURES (Check all that apply)☒ Fee Transmittal Form☐ Fee Attached☒ Amendment/Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Documents☐ Response to Missing Parts/
Incomplete Application☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53☐ Assignment Papers
(for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a
Provisional Application☐ Power of Attorney, Revocation
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) _____☐ After Allowance communication
to Technology Center (TC)☐ Appeal Communication to Board of
Appeals and Interferences☐ Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☐ Other Enclosures(s) (please
Identify below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm

or

Individual name

Andrew J. Ririe, Registration No. 45,597

Signature

Date

July 22, 2004

CERTIFICATE OF MAILINGI hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope address to:
Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on this date: 07/22/2004

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Date

7/22/2004

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FEE TRANSMITTAL for FY 2003

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 86

Complete if Known

Application Number 10/670,857
Filing Date 09/25/2003
First Named Inventor Sameer S. Marathe
Examiner Name Christopher P. Schwartz
Art Unit 3683
Attorney Docket No. 03-106

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account
Deposit Account Number 03-1129
Deposit Account Name

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) or any underpayment of fee(s)
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Code	Small Entity Code	Fee Description	Fee Paid
1001	2001	Utility filing fee	
1002	2002	Design filing fee	
1003	2003	Plant filing fee	
1004	2004	Reissue filing fee	
1005	2005	Provisional filing fee	

SUBTOTAL (1) (\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Large Entity Code	Small Entity Code	Fee Description	Fee Paid
1202	2202	Claims in excess of 20	
1201	2201	Independent claims in excess of 3	
1203	2203	Multiple dependent claim, if not paid	
1204	2204	**Reissue independent claims over original patent	
1205	2205	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 86

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Code	Small Entity Code	Fee Description	Fee Paid
1051	2051	65 Surcharge - late filing fee or oath	
1052	2052	25 Surcharge - late provisional filing fee or cover sheet	
1053	2053	130 Non-English specification	
1812	2520	1812 2,520 For filing a request for ex parte reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
1251	110	1251 110 Extension for reply within first month	
1252	420	1252 420 Extension for reply within second month	
1253	950	1253 475 Extension for reply within third month	
1254	1,480	1254 740 Extension for reply within fourth month	
1255	2,010	1255 1,005 Extension for reply within fifth month	
1401	330	1401 165 Notice of Appeal	
1402	330	1402 165 Filing a brief in support of an appeal	
1403	290	1403 145 Request for oral hearing	
1451	1,510	1451 1,510 Petition to institute a public use proceeding	
1452	110	1452 55 Petition to revive - unavoidable	
1453	1,330	1453 665 Petition to revive - unintentional	
1501	1,330	1501 665 Utility issue fee (or reissue)	
1502	480	1502 240 Design issue fee	
1503	640	1503 320 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
1809	770	1809 385 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	1810 385 For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	1801 385 Request for Continued Examination (RCE)	
1802	900	1802 900 Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

SUBMITTED BY

Name (Print/Type) Andrew J. Ririe

Registration No. (Attorney/Agent) 45,597

(Complete if applicable)

Telephone (309) 636-1974

Signature

Date 07/22/2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IFW ✓

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

SAMEER S. MARATHE et al.

Application No.: 10/670,857

Filed: September 25, 2003

For: APPARATUS AND METHOD
FOR MONITORING BRAKING SYSTEM
PRESSURE

Attorney Docket No.: 03-106

) Art Unit: 3683

) Examiner: Christopher P. Schwartz

Peoria, Illinois 61629-6490

July 22, 2004

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION

Sir:

I. INTRODUCTION

An Office action was issued on May 10, 2004 ("the Office action"). In response thereto, and in accordance with the practice outlined in 37 C.F.R. §§ 1.111 and 1.112, Caterpillar Inc., the assignee of this application, submits the following amendment and remarks and respectfully requests that the application be reconsidered.

Pursuant to 37 C.F.R. § 1.121, the amendments directed below include editing marks. New text is an amended paragraph or claim is underlined (new text). Deleted text in an amended paragraph or claim is indicated with a strikethrough (~~deleted text~~) or enclosed in double brackets ([[deleted text]]).